

Ning Wang

List of Publications by Year in descending order

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65
papers

1,702
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361413

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302126

39
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all docs

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docs citations

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times ranked

1830
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the NiN ₂ S ₂ Metallothiolate Ligands on the Preparation, Structure, and Property of Dinickel Complexes Related to [NiFe]-Hydrogenases Active Site. <i>Catalysis Letters</i> , 2022, 152, 98-105.	2.6	0
2	A zinc porphyrin polymer as efficient bifunctional catalyst for conversion of CO ₂ to cyclic carbonates. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	10
3	Sensitive and precise visually guided drug delivery nanoplatfrom with dual activation of pH and light. <i>Acta Biomaterialia</i> , 2022, 141, 374-387.	8.3	9
4	Zinc(II)porphyrin-Based Porous Ionic Polymers (PIPs) as Multifunctional Heterogeneous Catalysts for the Conversion of CO ₂ to Cyclic Carbonates. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5093-5102.	3.7	16
5	Covalent Metalloporphyrin Polymer Coated on Carbon Nanotubes as Bifunctional Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , 2022, 61, 10198-10204.	4.0	11
6	Molecular Cobalt Catalysts Grafted onto Polymers for Efficient Hydrogen Generation Cathodes. <i>Solar Rrl</i> , 2021, 5, 2000281.	5.8	3
7	Triple-responsive targeted hybrid liposomes with high MRI performance for tumor diagnosis and therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6226-6243.	5.9	5
8	Endogenous reactive oxygen species burst induced and spatiotemporally controlled multiple drug release by traceable nanoparticles for enhancing antitumor efficacy. <i>Biomaterials Science</i> , 2021, 9, 4968-4983.	5.4	10
9	Photo(electro)catalytic activity enhancement of PhC ₂ Cu by Fe doping induced energy band modulation and luminescence chromism switching. <i>Catalysis Science and Technology</i> , 2021, 11, 2379-2385.	4.1	10
10	Electrostatic Interactions Accelerating Water Oxidation Catalysis via Intercatalyst O-O Coupling. <i>Journal of the American Chemical Society</i> , 2021, 143, 2484-2490.	13.7	25
11	Engineering heterostructure and crystallinity of Ru/RuS ₂ nanoparticle composited with N-doped graphene as electrocatalysts for alkaline hydrogen evolution. <i>Chinese Chemical Letters</i> , 2021, 32, 3591-3595.	9.0	16
12	Synthesis of Mn (III) porphyrin porous coordination polymers as heterogeneous catalysts for CO ₂ cycloaddition reaction. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6228.	3.5	4
13	A Traceable, Sequential Multistage Targeting Nanoparticles Combining Chemo/Chemodynamic Therapy for Enhancing Antitumor Efficacy. <i>Advanced Functional Materials</i> , 2021, 31, 2101432.	14.9	24
14	A traceable, GSH/pH dual-responsive nanoparticles with spatiotemporally controlled multiple drugs release ability to enhance antitumor efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111866.	5.0	14
15	Introducing electrostatic interaction into Ru(bda) complexes for promoting water-oxidation catalysis. <i>Journal of Molecular Structure</i> , 2021, 1242, 130745.	3.6	1
16	An MRI-guided targeting dual-responsive drug delivery system for liver cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 783-798.	9.4	10
17	Magnetic Resonance Imaging-Guided Multi-Stimulus-Responsive Drug Delivery Strategy for Personalized and Precise Cancer Treatment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50716-50732.	8.0	9
18	Precise delivery of multi-stimulus-responsive nanocarriers based on interchangeable visual guidance. <i>Materials Science and Engineering C</i> , 2021, , 112558.	7.3	5

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19	Meshless Method for Nonuniform Heat-Transfer/Solidification Behavior of Continuous Casting Round Billet. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 236-246.	2.1	6
20	Orthogonal Supramolecular Assembly Triggered by Inclusion and Exclusion Interactions with Cucurbit[7]uril for Photocatalytic H ₂ Evolution. <i>ChemSusChem</i> , 2020, 13, 394-399.	6.8	13
21	Pyridinium- ϵ -functionalized metalloporphyrins as bifunctional catalysts for cycloaddition of epoxides and carbon dioxide. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5382.	3.5	11
22	A Multifunctional Lipid Incorporating Active Targeting and Dual-Control Release Capabilities for Precision Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 70-85.	8.0	21
23	Ultrasmall Ru Nanoparticles Highly Dispersed on Sulfur-Doped Graphene for HER with High Electrocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48591-48597.	8.0	87
24	Ru/RuO ₂ Nanoparticle Composites with N-Doped Reduced Graphene Oxide as Electrocatalysts for Hydrogen and Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2020, 3, 12269-12277.	5.0	68
25	Bioinspired Design of Positioned Amine Assists Hydrogen Evolution from Neutral Water by Nickel Tripyridine- ϵ -Diamine. <i>ChemCatChem</i> , 2020, 12, 3853-3856.	3.7	1
26	Cycloaddition Reactions of Epoxides and CO ₂ by the Novel Imidazolium- ϵ -Functionalized Metalloporphyrins: Optimization and Analysis using Response Surface Methodology. <i>ChemCatChem</i> , 2020, 12, 4839-4844.	3.7	13
27	Synthesis, structure and electrocatalytic H ₂ -evolving activity of a dinickel model complex related to the active site of [NiFe]-hydrogenases. <i>Chinese Chemical Letters</i> , 2020, 31, 2483-2486.	9.0	4
28	Efficient antibacterial dextran-montmorillonite composite sponge for rapid hemostasis with wound healing. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 1130-1143.	7.5	40
29	A multifunctional lipid that forms contrast-agent liposomes with dual-control release capabilities for precise MRI-guided drug delivery. <i>Biomaterials</i> , 2019, 221, 119412.	11.4	53
30	Metalloporphyrins- ϵ -Al ³⁺ porous coordination polymers: Preparations, Characterizations and Catalytic Properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5055.	3.5	3
31	Study of factors influencing the fabrication of Co- ϵ -porphyrin porous coordination polymer via metal-organic gel intermediate. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5215.	3.5	1
32	Photocatalytic Hydrogen Production Based on a Serial Metal- ϵ -Salen Complexes and the Reaction Mechanism. <i>ChemCatChem</i> , 2019, 11, 6324-6331.	3.7	25
33	A highly efficient, in situ wet-adhesive dextran derivative sponge for rapid hemostasis. <i>Biomaterials</i> , 2019, 205, 23-37.	11.4	160
34	Synthesis and evaluation of mono- and multi-hydroxyl low toxicity pH-sensitive cationic lipids for drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 69-78.	4.0	9
35	Current progress in interfacial engineering of carbon-based perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8690-8699.	10.3	84
36	Effective wound dressing based on Poly (vinyl alcohol)/Dextran-aldehyde composite hydrogel. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 1098-1105.	7.5	58

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37	Synthesis and characterization of porphyrin-based porous coordination polymers obtained by supercritical CO ₂ extraction. <i>Journal of Materials Science</i> , 2018, 53, 10534-10542.	3.7	9
38	Preparation, characterization and catalytic oxidation properties of silica composites immobilized with cationic metalloporphyrins. <i>Journal of Materials Science</i> , 2018, 53, 14241-14249.	3.7	6
39	Seamless Interfacial Formation by Solution-Processed Amorphous Hydroxide Semiconductor for Highly Efficient Electron Transport. <i>ACS Applied Energy Materials</i> , 2018, 1, 4564-4571.	5.1	16
40	Complexes of Mn ₂ S ₂ ·Fe(⁵ -C ₅ R ₅)(CO) as platform for exploring cooperative heterobimetallic effects in HER electrocatalysis. <i>Dalton Transactions</i> , 2017, 46, 5617-5624.	3.3	24
41	Halide Anion Water Clusters in Cucurbit[6]uril Supramolecular Systems. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1114-1120.	4.9	4
42	Cyanide-bridged iron complexes as biomimetics of tri-iron arrangements in maturases of the H cluster of the di-iron hydrogenase. <i>Chemical Science</i> , 2016, 7, 3710-3719.	7.4	20
43	Using a novel adsorbent macrocyclic compound cucurbit[8]uril for Pb ²⁺ removal from aqueous solution. <i>Journal of Environmental Sciences</i> , 2016, 50, 3-12.	6.1	19
44	Hemilabile Bridging Thiolates as Proton Shuttles in Bioinspired H ₂ Production Electrocatalysts. <i>Journal of the American Chemical Society</i> , 2016, 138, 12920-12927.	13.7	78
45	Effect of Bridgehead Steric Bulk on the Intramolecular C-H Heterolysis of [FeFe]-Hydrogenase Active Site Models Containing a P ₂ N ₂ Pendant Amine Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 411-418.	4.0	17
46	The influence of a S-to-S bridge in diiron dithiolate models on the oxidation reaction: a mimic of the Hairox state of [FeFe]-hydrogenases. <i>Chemical Communications</i> , 2014, 50, 9255-9258.	4.1	15
47	Redox Reactions of [FeFe]-Hydrogenase Models Containing an Internal Amine and a Pendant Phosphine. <i>Inorganic Chemistry</i> , 2014, 53, 1555-1561.	4.0	24
48	Intramolecular Iron-Mediated C-H Bond Heterolysis with an Assist of Pendant Base in a [FeFe]-Hydrogenase Model. <i>Journal of the American Chemical Society</i> , 2014, 136, 16817-16823.	13.7	38
49	Reactions of [FeFe]-hydrogenase models involving the formation of hydrides related to proton reduction and hydrogen oxidation. <i>Dalton Transactions</i> , 2013, 42, 12059.	3.3	104
50	Modeling of capacitively coupled contactless conductivity detection on microfluidic chips. <i>Microsystem Technologies</i> , 2013, 19, 1991-1996.	2.0	3
51	Catalytic Activation of H ₂ under Mild Conditions by an [FeFe]-Hydrogenase Model via an Active 1/4-Hydride Species. <i>Journal of the American Chemical Society</i> , 2013, 135, 13688-13691.	13.7	107
52	Chloridobis(dimethylglyoximate- ² N,N ²)(ethyl pyridine-3-carboxylate- ¹ N)cobalt(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m20-m20.	0.2	0
53	Chloridobis(dimethylglyoximate- ² N,N ²)(ethyl pyridine-4-carboxylate- ¹ N)cobalt(III) chloroform monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m204-m205.	0.2	1
54	Pseudopolyrotaxanes of Cucurbit[6]uril: A Three-Dimensional Network Self-assembled by ClO ₄ ⁻ (H ₂ O) ₂ Water Clusters. <i>Chinese Journal of Chemistry</i> , 2012, 30, 941-946.	4.9	9

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55	The antimicrobial activities of a series of bis-quaternary ammonium compounds. <i>Chinese Chemical Letters</i> , 2011, 22, 887-890.	9.0	14
56	Synthesis, protonation and electrochemical properties of trinuclear NiFe ₂ complexes Fe ₂ (CO) ₆ (μ_3 -S) ₂ [Ni(Ph ₂ PCH ₂) ₂ NR] (R=n-Bu, Ph) with an internal pendant nitrogen base as a proton relay. <i>Inorganica Chimica Acta</i> , 2009, 362, 372-376.	2.4	14
57	Protophilicity, electrochemical property, and desulfurization of diiron dithiolate complexes containing a functionalized C ₂ bridge with two vicinal basic sites. <i>Polyhedron</i> , 2009, 28, 1138-1144.	2.2	8
58	Preparation, Facile Deprotonation, and Rapid H/D Exchange of the μ_4 -Hydride Diiron Model Complexes of the [FeFe]-Hydrogenase Containing a Pendant Amine in a Chelating Diphosphine Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 11551-11558.	4.0	84
59	[FeFe]-Hydrogenase active site models with relatively low reduction potentials: Diiron dithiolate complexes containing rigid bridges. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 952-959.	3.5	16
60	A protonated hydride diiron complex with a base-containing diphosphine ligand relevant to the [FeFe]-hydrogenase active site. <i>Chemical Communications</i> , 2008, , 5800.	4.1	73
61	Supramolecular self-assembly of a [2Fe ₂ S] complex with a hydrophilic phosphine ligand. <i>CrystEngComm</i> , 2008, 10, 267-269.	2.6	18
62	CO-Migration in the Ligand Substitution Process of the Chelating Diphosphite Diiron Complex (μ_4 -pdt)[Fe(CO) ₃][Fe(CO){(EtO) ₂ PN(Me)P(OEt) ₂ }] ₂ . <i>Inorganic Chemistry</i> , 2008, 47, 6948-6955.	4.0	50
63	Carbene-pyridine chelating 2Fe ₂ S hydrogenase model complexes as highly active catalysts for the electrochemical reduction of protons from weak acid (HOAc). <i>Dalton Transactions</i> , 2007, , 1277-1283.	3.3	85
64	Polydopamine Decorated Ru-Ni(OH) ₂ Nanosheets for Enhanced Performance of Hydrogen Evolution in Alkaline Media. <i>Catalysis Letters</i> , 0, , 1.	2.6	1
65	A Benzimidazole-linked Porphyrin Covalent Organic Polymers as Efficient Heterogeneous Catalyst/Photocatalyst. <i>Applied Organometallic Chemistry</i> , 0, , .	3.5	6